■ Specification

General	
Image pick-up device	1/3” SONY Super HAD CCD
Horizontal Resolution	420 TVL
Effective Pixels	NT: 537(H) x 505(V) PA: 537(H) x 597(V)
Min. Illuminator	0.2 lux @ F1.2
Signal To Noise Ratio	More than 50dB (AGC Off)
Auto Electronic Shutter	On - NT: 1/60~1/100000 sec, PA: 1/50~1/110000 sec Off - NT: 1/60 sec, PA: 1/50 sec
Auto Iris Control	DC-drive & Video-drive
Auto Gain Control	On / Off
Back Light Compensation	On / Off
Flickerless	On / Off
Video Output	BNC connector, Composite 1.0 Vp-p, 75 ohm
Lens Mount	C / CS mount adjustable
Environment	
Power Requirement	DC 12V
Power Consumption	1.6W
Dimensions (W x D x H)	60 x 130 x 50 mm
Weight	280 g
Operating Temperature	-10 ~ 50 Degree C

420TVL CAM-BX42 **CCD Box Camera**

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IP Surveillance

Quick Installation Guide

PLANET Networking & Communication PLANET Technology Corp.

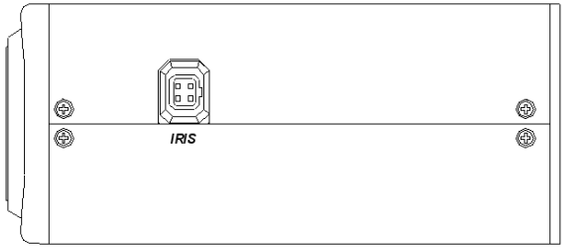
2011-L00110-000

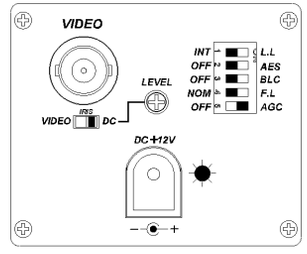
CE

■ Switches

Switches	Description
SYNC MODE	INT MODE: The camera may be operated independently with its internal crystal control. L.L MODE: This version without L.L. function
AES	The automatic electronic shutter control 1/60 (1/50) ~ 1/100.000 second is employed for using a manual Iris Lens.
Back-Light Correction	When the object is dark by strong light (sun illumination etc). Please turn on BLC switch.
Flickerless	F.L: Fixes shutter speed at NTSC: 1/100 Sec.; PAL: 1/120 Sec. ⁂ When using this switch, set “AES” OFF. NOM: Normal position
AGC	AGC: level varies from 0 to 26dB. OFF: AGC level is fixed at 0 dB

■ CCD Box Camera – CAM-BX42





■ Packet Content

CAM-BX42 x 1

C/CS Mount Ring x 1

Auto-Iris Connector x 1

Wrench x 1

Quick Installation Guide x 1

■ Features

- Long life and high reliability are achieved by the use of a CCD image device. This makes the camera 100 percent solid state. No longer is an image tube needed.
- The Minimum illumination is 0.2 LUX @ F=1.2
- Ease of use in any application is achieved through the small size. The light weight also improves performance where shock and vibration would affect larger tube type cameras.
- Performance: More than 420 TV lines of resolution.
- Lower power consumption.
- Relatively no interference from magnetic or electrostatic field.
- Accepts all popular CCTV lenses.
- Easy tracking of lens is accomplished with external adjustment of mechanical focus position.
- Built-in Automatic Electronic-Iris.

■ Installation

1. Connect a suitable lens to CAM-BX42. If it is an auto-iris lens, please also connect the auto-iris connector and select DC or Video drive with the switch on rear panel. For DC drive, you may adjust the DC LEVEL screw to make this lens be drive properly.
2. Please fix the CAM-BX42 to a suitable location with a stand.
3. Adjust the camera to the correct direction.
4. Connect Video Output connector to your DVR or CCTV system.
5. Connect a DC 12V power adapter to the Power Input connector.

Note	Before connect power adapter to camera, please make sure the power output voltage is DC 12V (max. ±10%). If you can not sure this part, we will suggest to use a DC 12V Switching power adapter. It can provide stably power output.